

WHAT IS CLAIMED IS:

1. An insulating jacket for refrigeration system component, comprising:

a closed cell insulation layer comprising an inner and outer surface;

an open cell foam layer comprising an inner and outer surface, said inner surface in contact with said outer surface of said closed cell insulation layer; and

a sound barrier layer comprising an inner surface in contact with said outer surface of said open cell foam layer.

2. The insulating jacket of claim 1, wherein said inner surface of said closed cell insulation layer is in contact with a vessel.

3. The insulating jacket of claim 2, wherein said vessel is selected from the group consisting of a cooler and an economizer.

4. The insulating jacket of claim 1, wherein said outer surface of said open cell foam layer is glued to said inner surface of said sound barrier.

5. The insulating jacket of claim 2, wherein said inner surface of said closed cell insulation layer is glued to said vessel.

6. The insulating jacket of claim 1, wherein said inner surface of said closed cell insulation layer is attached to said vessel via velcro straps.

7. The insulating jacket of claim 1, wherein said closed cell insulation layer, said open cell foam layer, and said sound barrier layer comprise generally cylindrical sheaths.

8. The insulating jacket of claim 1, wherein said closed cell insulation layer and said open cell foam layer are comprised of a material selected from the group consisting of PVC and nitrile.

9. The insulating jacket of claim 1, wherein said sound barrier layer is comprised of barium sulfate.

10. The insulating jacket of claim 1, additionally comprising a weatherproof layer comprised of aluminized vinyl fiberglass cloth.

11. An insulating jacket for a refrigeration system component, comprising:

an open cell foam layer comprising an inner surface in contact with a vessel and an outer surface; and

a sound barrier comprising an inner surface in contact with said outer surface of said open cell foam layer.

12. The insulating jacket of claim 11, wherein said vessel is a condenser.